

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: October 18, 2001, 14:28:24 ; Search time 13.85 Seconds
(without alignments)
1135.814 Million cell updates/sec

Title: US-09-587-111-5

Perfect score: 4004

Sequence: 1 MTSPPSSSPVRLFTLDGGE.....EDEDGASENVVPVQLQSN 764

Scoring table:

BIOSUM62

Searched: Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 197339

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued Patents_AA:*

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3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
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5: /cgn2_6/ptodata/2/1aa/PCTUS.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/Backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1645.5	41.1	839	US-09-197-636-2	Sequence 2, Appl1
2	1644.5	41.1	839	US-09-197-636-8	Sequence 8, Appl1
3	1638.5	40.9	839	US-09-197-636-4	Sequence 4, Appl1
4	151	3.8	1839	US-09-172-977-4	Sequence 4, Appl1
5	150	3.7	1088	US-09-082-059-2	Sequence 2, Appl1
6	148	3.7	843	US-09-172-977-3	Sequence 3, Appl1
7	146	3.6	1095	US-09-112-096-15	Sequence 15, Appl1
8	138.5	3.5	352	US-09-065-474-139	Sequence 139, Appl1
9	138.5	3.5	1745	US-09-031-485-33	Sequence 33, Appl1
10	138.5	3.5	1745	US-08-847-429A-33	Sequence 33, Appl1
11	138.5	3.5	1745	US-09-065-474-33	Sequence 33, Appl1
12	137	3.4	1533	US-08-623-679-9	Sequence 9, Appl1
13	137	3.4	1533	US-08-933-774-9	Sequence 9, Appl1
14	137	3.4	1533	US-09-181-030-9	Sequence 9, Appl1
15	131	3.3	303	US-09-031-485-23	Sequence 23, Appl1
16	131	3.3	303	US-08-847-429A-23	Sequence 23, Appl1
17	131	3.3	303	US-09-065-474-23	Sequence 23, Appl1
18	129	3.2	348	US-09-031-485-28	Sequence 28, Appl1
19	129	3.2	348	US-08-847-429A-28	Sequence 28, Appl1
20	129	3.2	348	US-09-065-474-28	Sequence 28, Appl1
21	127	3.2	300	US-08-897-340-32	Sequence 32, Appl1
22	127	3.2	300	US-09-252-329-32	Sequence 32, Appl1
23	126	3.1	551	US-08-699-103B-25	Sequence 25, Appl1
24	125.5	3.1	787	US-09-188-930-334	Sequence 334, Appl1
25	125.5	3.1	1139	US-08-537-210A-4	Sequence 4, Appl1
26	125.5	3.1	1139	US-09-113-825-4	Sequence 4, Appl1
27	125.5	3.1	2703	US-08-185-432-19	Sequence 19, Appl1

28	123.5	3.1	191	US-09-031-485-20	Sequence 20, Appl1
29	123.5	3.1	191	US-08-847-429A-20	Sequence 20, Appl1
30	123.5	3.1	191	US-09-065-474-20	Sequence 20, Appl1
31	122	3.0	741	US-08-943-956A-2	Sequence 2, Appl1
32	120.5	3.0	302	US-09-031-485-38	Sequence 38, Appl1
33	120.5	3.0	302	US-08-847-429A-38	Sequence 38, Appl1
34	120.5	3.0	302	US-09-065-474-38	Sequence 38, Appl1
35	120.5	3.0	741	US-08-462-481-2	Sequence 2, Appl1
36	120.5	3.0	741	US-08-436-771-2	Sequence 2, Appl1
37	120.5	3.0	741	US-08-436-771-4	Sequence 4, Appl1
38	120.5	3.0	741	US-08-434-998-2	Sequence 4, Appl1
39	120.5	3.0	741	US-08-434-998-4	Sequence 4, Appl1
40	120.5	3.0	741	US-08-487-797-2	Sequence 2, Appl1
41	120.5	3.0	741	US-08-487-797-4	Sequence 4, Appl1
42	120.5	3.0	741	US-08-701-005A-2	Sequence 2, Appl1
43	120.5	3.0	741	US-08-479-895-2	Sequence 2, Appl1
44	120.5	3.0	741	PCT-US95-02058-2	Sequence 2, Appl1
45	120.5	3.0	741	PCT-US95-02058-4	Sequence 4, Appl1

ALIGNMENTS

RESULT 1
US-09-197-636-2
; Sequence 2, Application US/09197636
; Patent No. 6239267
; GENERAL INFORMATION:
; APPLICANT: DICKMORTH, DAVID
; APPLICANT: HAYES, PHILIP
; APPLICANT: MEADOWS, HELEN
; APPLICANT: DAVIS, JOHN
; TITLE OF INVENTION: NOVEL COMPOUNDS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Ratner & Prestia
; STREET: P.O. Box 980
; CITY: Valley Forge
; STATE: PA
; COUNTRY: US
; ZIP: 19482-0980
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/197,636
; FILING DATE: 23-NOV-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: UK 9805137.8
; FILING DATE: 12-MAR-1998
; APPLICATION NUMBER: UK 9815791.0
; FILING DATE: 21-JUL-1998
; APPLICATION NUMBER: UK 9819278.4
; FILING DATE: 03-SEP-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Prestia, Paul F
; REGISTRATION NUMBER: 23, 031
; REFERENCE/DOCKET NUMBER: GP-30075
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 601-407-0700
; TELEFAX: 610-407-0701
; TELEX: 846169
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 839 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-197-636-2

QY 595 EASLEFKFTIGMGLAFOEOLHFRGMVLLLLAYVLLTYILLNMLALMSETVSVAT 654
 DB 633 STCELEFKFTIGMGLAFOEOLHFRGMVLLLLAYVLLTYILLNMLALMSETVSVAT 692
 QY 655 DMSWIKLKAKAISVLEMGYMWG-RRKORAGVMTLVGTRPDGSPDERMCFRVEEVNMA 713
 DB 693 ESKNIKRLORAITILDTEKSFLEKMKARSGKLLQVGTTPDGKDDYRMCFRVDEVNMTT 752
 QY 714 WEOTLPTLCEDEPSGA-GVPRTELENPVLASPKEDGASEENVVPOLLQ 762
 DB 753 WMTNGIINEDGNCGEVKTSLRSS-----RVSGRMKNKALVPLLR 798

RESULT 3
 US-09-197-636-4
 ; Sequence 4, Application US/09197636
 ; Patent No. 6239267
 ; GENERAL INFORMATION:
 ; APPLICANT: DICKMORTH, DAVID
 ; APPLICANT: HAYES, PHILIP
 ; APPLICANT: MEADOWS, HELEN
 ; APPLICANT: DAVIS, JOHN
 ; TITLE OF INVENTION: NOVEL COMPOUNDS
 ; NUMBER OF SEQUENCES: 8
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Ratner & Prestia
 ; STREET: P.O. Box 980
 ; CITY: Valley Forge
 ; STATE: PA
 ; COUNTRY: US
 ; ZIP: 19482-0980
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/197,636
 ; FILING DATE: 23-NOV-1998
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: UK 9805137.8
 ; FILING DATE: 12-MAR-1998
 ; APPLICATION NUMBER: UK 9815791.0
 ; FILING DATE: 21-JUL-1998
 ; APPLICATION NUMBER: UK 9819278.4
 ; FILING DATE: 03-SEP-1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Prestia, Paul F
 ; REGISTRATION NUMBER: 23,031
 ; REFERENCE/DOCKET NUMBER: GP-30075
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 601-407-0700
 ; TELEFAX: 610-407-0701
 ; TELEX: 846169
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 839 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-09-197-636-4

Query Match 40.9%; Score 1638.5; DB 4; Length 839;
 Best Local Similarity 48.3%; Pred. No. 4.3e-146;
 Matches 343; Conservative 121; Mismatches 201; Indels 45; Gaps 11;

QY 74 FDRDLFNNAVSGVPEDLAAGLEPEYLSKTSKYLTDSEYTGSGTKCTCAKAVANLADGVNA 133
 DB 113 YDRSIFEAIVANNOCDELSLLFLQSKRKHXTDNEFKPETGKTCCLAKAMLNLDHGQNT 172

QY 134 CILPLIIDRDSGNPOPLVNAOCTDDYRGHSALHIAIEKRSIQCYKLVENGANHARA 193
 DB 173 TIPLELEIRKQDSLSKELNAXYTDYVIGOTRLHIAIERNNALVTLLVENGADVOAQA 232
 QY 194 CGRFQKGGG-TCFYGELPLSLACTKOMDVSYLLENPHOPASIOATDQSGNTLHAL 252
 DB 233 HDGFEFKTRGPRGYGELPLSLACTNOLGIVKFLLOMSWQADISARDSVGNVTLHL 292
 QY 253 VMISONSANIALVTSYDGLLOAGARLCPVVOLEDIRNLQDITPLKLAKEGKIEIFRH 312
 DB 293 VEVAADTADNTKEVTSYMEIILLGAKLHPTLKELETKKMGTPALAAAGTKIGVAY 352
 QY 313 ILORERS--GLSHLSKRFEMCGPVRVSLYDASVSCSENVLEITIF-HKSPHRR 369
 DB 353 ILQREIQEPECRHLRSKRFEMAGPVSLSYDICTDCEKNSVLEIYVSSSETPNRD 412
 QY 370 MYVLEPLNKLLOAKMDLLTPK--FFLNFCLNLYMEFTVAVYHOPPLKROAPHLKAE-V 427
 DB 413 MLVEPLNKLLOAKMDRFRKRIFFNFVCLYMIIFTMAAYRPV---DGLRPFMEKT 469
 QY 428 GNSMLTGHILLIGITVLLVGOAMFMRHVFMTSFDSTFEILLFQALLTVVSQVL 487
 DB 470 GDYFRVTGEILSVLGCVYEFERGIQYFLQRRPSMKTLFPVDSSEMLFLOSLEMLATVVL 529
 QY 488 CFIAIEWYPLVSAIVLGMNLVYTRGPHGTIYSWIMQVILRLDLRELLIYVPLF 547
 DB 530 YFSHLEIYASWFSIALGTMNLVYTRGPHGTIYAVMIKILDLRFMFIYVPLF 589
 QY 548 GRAVALVLSOEA-----WRPEAPTGNATESVOPEGOEDEGNGAOYRGIL 594
 DB 590 GSTAVVLTLEDKNDLSPESTSHRWGPACRPDS-----YNSLY 632
 QY 595 EASLEFKFTIGMGLAFOEOLHFRGMVLLLLAYVLLTYILLNMLALMSETVSVAT 654
 DB 633 STCELEFKFTIGMGLAFOEOLHFRGMVLLLLAYVLLTYILLNMLALMSETVSVAT 692
 QY 655 DMSWIKLKAKAISVLEMGYMWG-RRKORAGVMTLVGTRPDGSPDERMCFRVEEVNMA 713
 DB 693 ESKNIKRLORAITILDTEKSFLEKMKARSGKLLQVGTTPDGKDDYRMCFRVDEVNMTT 752
 QY 714 WEOTLPTLCEDEPSGA-GVPRTELENPVLASPKEDGASEENVVPOLLQ 762
 DB 753 WMTNGIINEDGNCGEVKTSLRSS-----RVSGRMKNKALVPLLR 798

RESULT 4
 US-09-172-977-4
 ; Sequence 4, Application US/09172977
 ; Patent No. 5989863
 ; GENERAL INFORMATION:
 ; APPLICANT: Tang, Y. Tom
 ; APPLICANT: Guegler, Karl J.
 ; APPLICANT: Corley, Neil C.
 ; APPLICANT: Yue, Henry
 ; TITLE OF INVENTION: HUMAN ANKYRIN FAMILY PROTEIN
 ; FILE REFERENCE: PF-0615 US
 ; CURRENT APPLICATION NUMBER: US/09/172,977
 ; CURRENT FILING DATE: 1998-10-14
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 4
 ; LENGTH: 1839
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: g29491
 ; US-09-172-977-4

Query Match 3.8%; Score 151; DB 2; Length 1839;
 Best Local Similarity 27.3%; Pred. No. 7.1e-05;
 Matches 88; Conservative 46; Mismatches 96; Indels 92; Gaps 19;

QY 84 SRGVPEDLAAG-LPEYLSKTSKYLDSDS-----EYTESGTGKTLKAAVLNLDKG-----V 131
 DB 342 SSAVKEKLVRLPRTVSLSEETESMIKMLECSH-----LTYIKMEADEIVS 396
 QY 132 NACILPILQI-----DDSGNPQ-----PLVNAOCTDDYRGHSA-----LHIA 170
 DB 397 NAISYALYKAFSTSDQDDNMWQJLKLLENNQDLANDIEFTNDRRESADLQEMFETA 456
 QY 171 IEKRSLOCVKLLVENGAVNHARACGRFQKGGTCFYGELPLSLAACKOMDVSYLLE 230
 DB 457 LIDRPPKTVRLFLENGMLNR-----KFLTH-----DVLTLEFS 489
 QY 231 NPHOPASLOATDSQGTNVLHVLWMSDSNAENIALVTSMD--GLQAGARLCPTVOED 288
 DB 490 N-----HFTSLYRNLQIAKNS-YNDALLTFYWKVAFRRGRF-----KE 529
 QY 289 IRN-----LQDLTPYKLAKEGKIETFRHILQREF-----SGLSHLSKRFETWCYGP 335
 DB 530 DRNGRDEMDIELHDVSP-----ITRHPLOALFIWAILQNKKEISKVIMQOTRGQ 578
 QY 336 VRVSL-----YDLASVD-----SCENSVLEIIFH 361
 DB 579 TLALGASKLKTAKVYNDINAGESEBELANETRAVELFETCYSDDEDLAEOULLVS 638
 QY 362 CKSPRRHRYVLEPLNKLLOAKMDLLIPKFLNPLNLYMEI-----FTAVAYHOPTL 415
 DB 639 CEA-----WG-----GSCNLELAVEATDQHFPAQPVQNFL 669
 QY 416 KKOAPHLKAEVGN-SMLTGHILLLGTYLLVQ-----LWYF----- 454
 DB 670 SKOWYGEISRDTRKMKIILCFEIIPLVCGFVSFRKKRPVDRKHKLLMYVAFETSPFVVF 729
 QY 455 -WRRVFWISFIDSYFEILFL-FOA-----LLTVSOVLCFLATEMYPLPLVSL- 503
 DB 730 SW--NVTYIAFLFAVYLLMDHFSVHPPELVYSLSVFLVFCDEVRQWY---VNGVN 783
 QY 504 -----VLGWLNLLYYTRGF-----OHNGIYS----- 524
 DB 784 YETDLNANWDTLGLFEYFAGIYFRLSHSSNKSLSYGRVIFCDYITITRLIHIFTVSRN 843
 QY 525 -----VMLOKYLRLDLRLFLIYVFLGFAVA---LYLSQSEAMR----- 562
 DB 844 LGPKIIMLORMIL-DVEFFLELFAVMAVAFARQGIIRONQRMRWIFRSVIEPYLAM 902
 QY 563 -PEARTGNAT-----ESVQPEGODEGNGAQRILBASILEFETIGMEL 610
 DB 903 FGQVPSVDGTTTYDAHCTFTGNEKSPICVELDENH-----LPRFP----- 943
 QY 611 AFQOLHFRGVNLLLLAYVLLTYILLNMLIALMSETVNSVATDSWSIWLQKASYLE 670
 DB 944 -----EMITIPVCYIMLSTNILLVNLVAMFGYTGVOENNDQWKFQRYELVQE 995
 QY 671 -----MENGYWM-----CRKKQAGVMILYGTAKDGSPEDEMCRRVEEV 709
 DB 996 YCSRLNIDPFPLVFAFYFVYVYKCFKCCCKEKNMSSVC-----CFKNEDN 1041
 QY 710 NMASWE 715
 DB 1042 ETLAME 1047

ADDRESS: Carol Talkington Verser, Ph. D.
 ADDRESSEE: Heska Corporation
 STREET: 1825 Sharp Point Drive
 CITY: Fort Collins
 STATE: Colorado
 COUNTRY: USA
 ZIP: 80525
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: WordPerfect for Windows, Version 7.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/065,474
 FILING DATE: 24-APR-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Verser, Carol Talkington
 REGISTRATION NUMBER: 37,459
 REFERENCE/DOCKET NUMBER: HW-5-C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 970/493-7272
 TELEFAX: 970/484-9505
 INFORMATION FOR SEQ ID NO: 139:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 352 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: Protein
 US-09-065-474-139

Query Match 3.5%; Score 138.5; DB 3; Length 352;
 Best Local Similarity 25.1%; Pred. No. 7.9e-05;
 Matches 59; Conservative 33; Mismatches 84; Indels 59; Gaps 9;

QY 167 LHIAIEKRSLOCVKLLVENGAVNHARACGRFQKGGTCFYGELPLSLAACKOMDVYS 226
 DB 147 LHVAHYNNDKQVALLLENGASAHAAKN-----GYRPHIAAKKNMDIAS 193
 QY 227 YLENPPOASLOATDSQGTNVLHVLWMSDSNAENIALVTSMDGLLOAGARLCPTVOL 286
 DB 194 TLL--HYKANANAESKAGFTPLH--LAAQEGHREMAAL-----LIENGAKVGAQAR- 240
 QY 287 EDIRMLQDLTPYKLAKEGKIETFRHILQREFS-----GLSLSKRF 328
 DB 241 -----NGLTFPHLCAQEDRVSVAEELVKENAIDPKTKAGTTPLVACHFQIOMVRF 294
 QY 329 TEMCYGPNVRSLYDLASVDSCEE-----NSVLEIIFHCKSPRRHRYVLEPLN 377
 DB 295 IE--HG-ARVSITRASYTPPLHQAQOGHNSVRYRLLENGASPNVHTSTGOTPLS 346

RESULT 9
 US-09-031-485-33
 Sequence 33, Application us/09031485
 Patent No. 5824306
 GENERAL INFORMATION:
 APPLICANT: Tang, Liang
 APPLICANT: Blehm, E. Scot
 TITLE OF INVENTION: DIROFILARIA AND BRUGIA ANKYRIN
 TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
 TITLE OF INVENTION: USES THEREOF
 NUMBER OF SEQUENCES: 85
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Carol Talkington Verser, Ph. D.
 ADDRESSEE: Heska Corporation
 STREET: 1825 Sharp Point Drive
 CITY: Fort Collins
 STATE: Colorado
 COUNTRY: USA
 ZIP: 80525
 COMPUTER READABLE FORM:

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect for Windows, Version 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/031,485
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/847,429
FILING DATE: 24-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Verser, Carol Talkington
REGISTRATION NUMBER: 37,459
REFERENCE/DOCKET NUMBER: HW-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 970/493-7272
TELEFAX: 970/484-9505
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 1745 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-031-485-33

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Query Match	3.5%;	Score 138.5;	DB 2;	Length 1745;
Best Local Similarity	25.1%;	Pred. No. 0.00099;		
Matches	59;	Conservative	33;	Mismatches 84;
				Indels 59;
				Gaps 9

[illegible]

RESULT 10
US-08-847-429A-33
; Sequence 33, Application US/08847429A
; Patent No. 5927693

APPLICANT: Tang, Liang
 APPLICANT: Blehm, E. Scott
 TITLE OF INVENTION: DIPOPTILARIA AND BRUGIA ANKYRIN
 TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
 TITLE OF INVENTION: USES THEREOF
 NUMBER OF SEQUENCES: 85
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Carol Talkington Verser, Ph.D.
 ADDRESSEE: Hesk Corporation
 STREET: 1825 Sharp Point Drive
 CITY: Fort Collins
 STATE: Colorado
 COUNTRY: USA
 ZIP: 80525
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: Wordperfect for Windows, Version 7.0
 CURRENT APPLICATION DATA:

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1  APPLICATION NUMBER:  US-08/847,422-29A
2
3  FILING DATE:  24-APR-1997
4
5  CLASSIFICATION:  435
6
7  ATTORNEY/AGENT INFORMATION:
8
9  NAME:  Verser, Carol Talkington
10 REGISTRATION NUMBER:  37,459
11 REFERENCE/DOCKET NUMBER:  HW-5
12
13 TELECOMMUNICATION INFORMATION:
14
15 TELEPHONE:  970/493-2272
16
17 TELEFAX:  970/484-9505
18
19 INFORMATION FOR SEQ ID NO:  33:
20
21 SEQUENCE CHARACTERISTICS:
22
23 LENGTH:  1745 amino acids
24 TYPE:  amino acid
25 TOPOLOGY:  linear
26
27 MOLECULE TYPE:  protein
28
29 US-08-847-4229A-33

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Query Match	3.5%	Score 138.5;	DB 2;	Length 1745;
Best Local Similarity	25.1%	Pred. NO. 0.00099;		
Matches	59;	Conservative	33;	Mismatches 84;
				Indels 59;
				Gaps 9;

[illegible]

RESULT 11
US-09-065-474-33
; Sequence 33, Application US/09065474
; Patent No. 6063500

APPLICANT: Tang, Liang
 APPLICANT: Blehm, E. Scot
 TITLE OF INVENTION: DIOFILARIA AND BRUGIA ANKYRIN
 TITLE OF INVENTION: PROTEINIS, NUCLEIC ACID MOLECULES, AND
 TITLE OF INVENTION: USES THEREOF
 NUMBER OF SEQUENCES: 171
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Carol Talkington Verser, Ph.D.
 ADDRESSEE: Hesk Corporation
 STREET: 1825 Sharp Point Drive
 CITY: Fort Collins
 STATE: Colorado
 COUNTRY: USA
 ZIP: 80525
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: Wordperfect for Windows, Version 7.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/065,474
 FILING DATE: 24-APR-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Verser, Carol Talkington
 REGISTRATION NUMBER: 37,459
 REFERENCE/DOCKET NUMBER: HW-5-C1
 TELECOMMUNICATION INFORMATION:

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